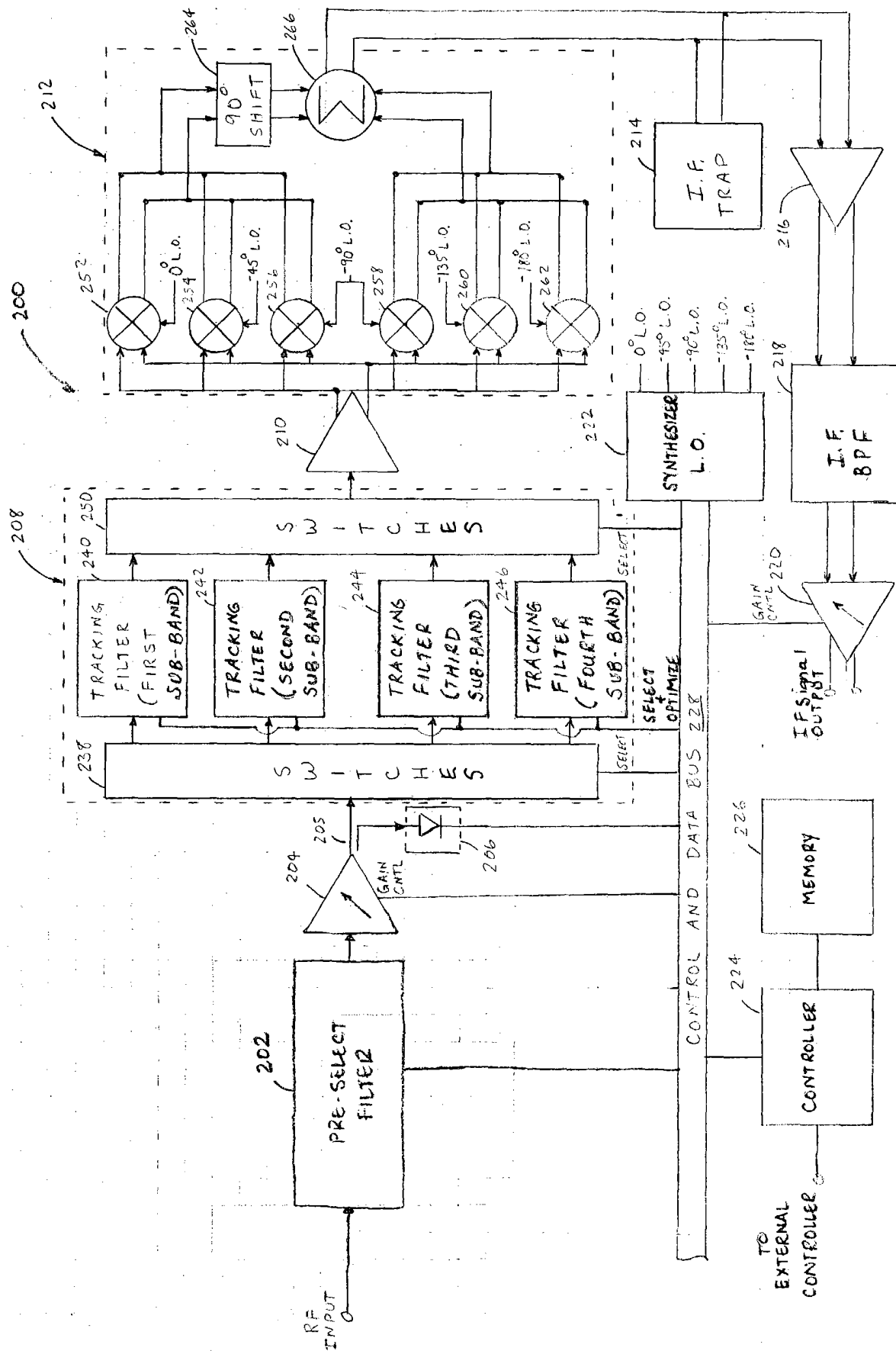


FIGURE 1.
(PRIOR ART)



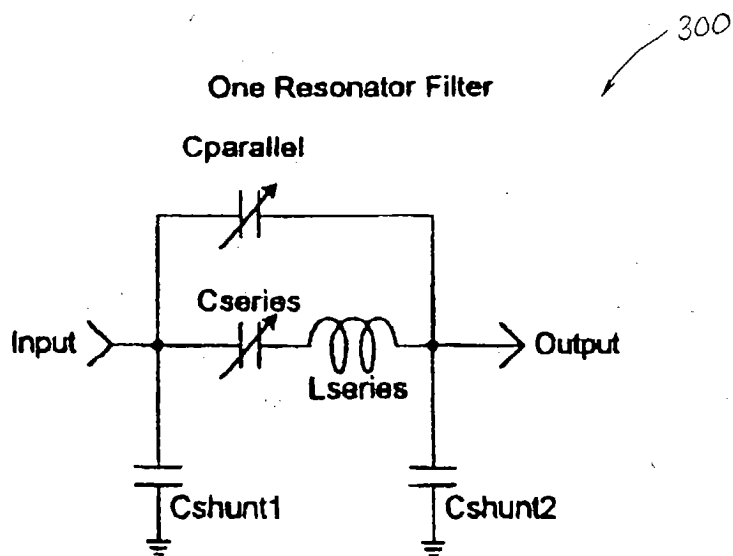


FIGURE 3

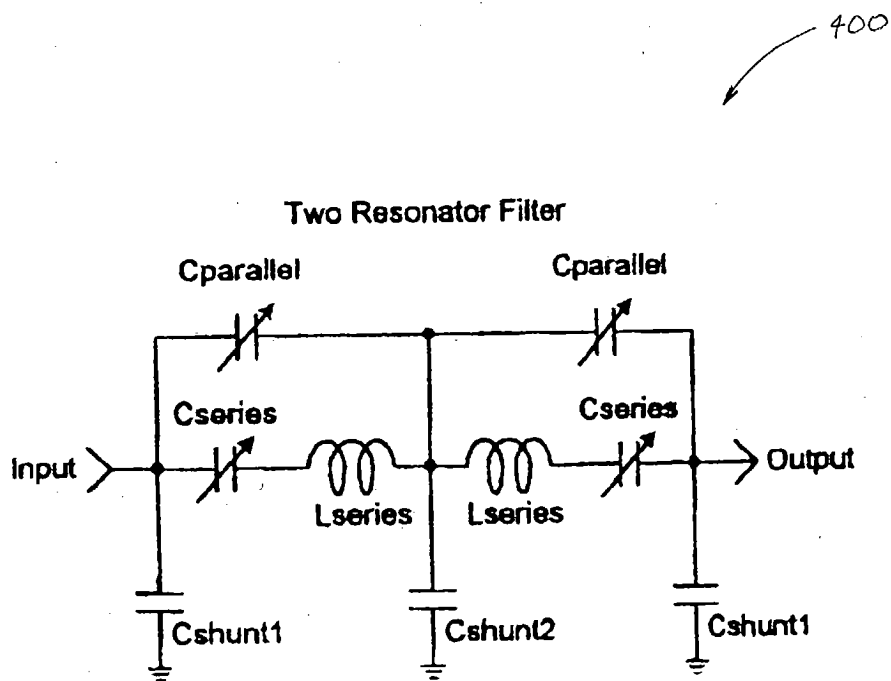


FIGURE 4

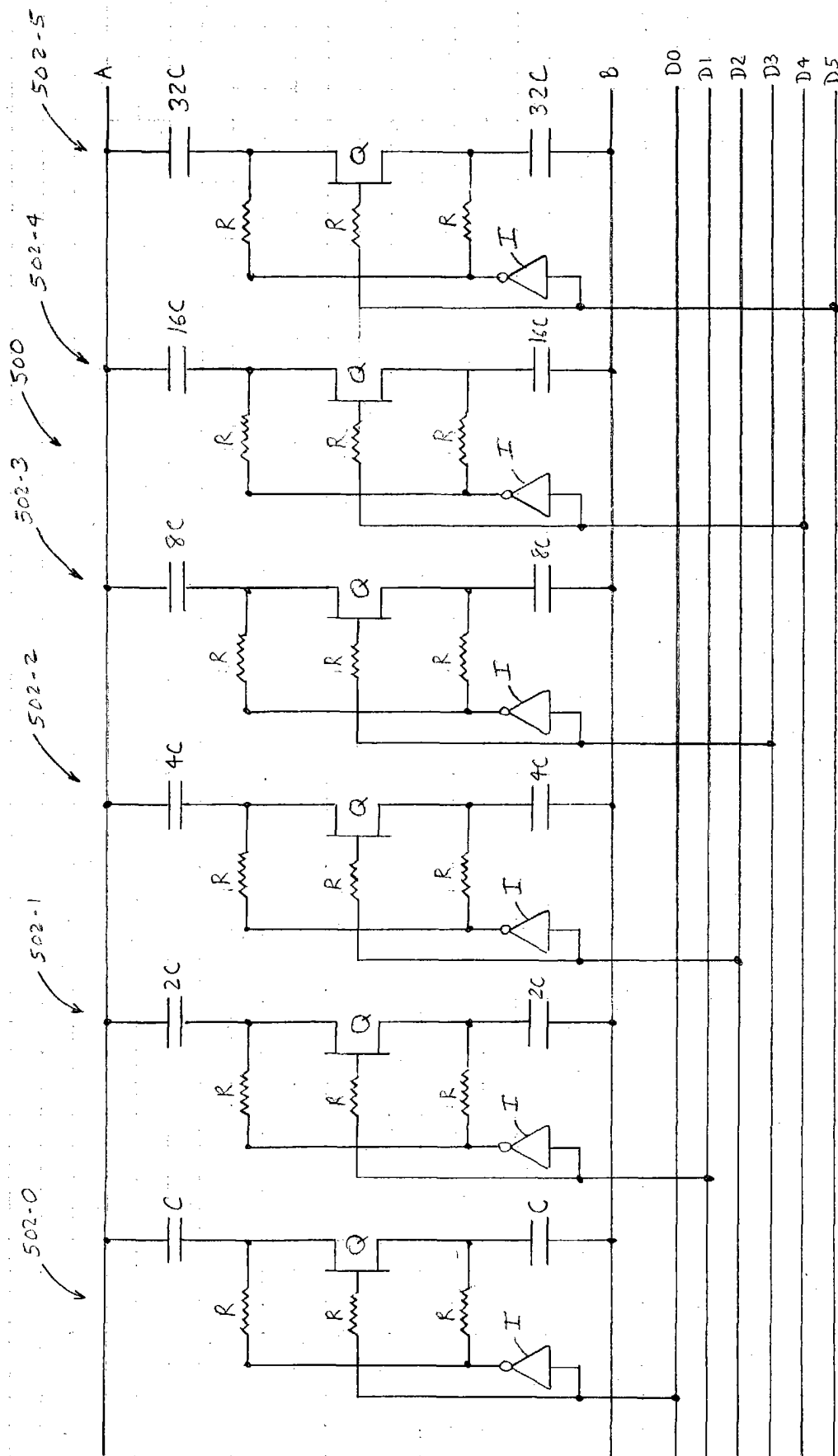


FIGURE 5

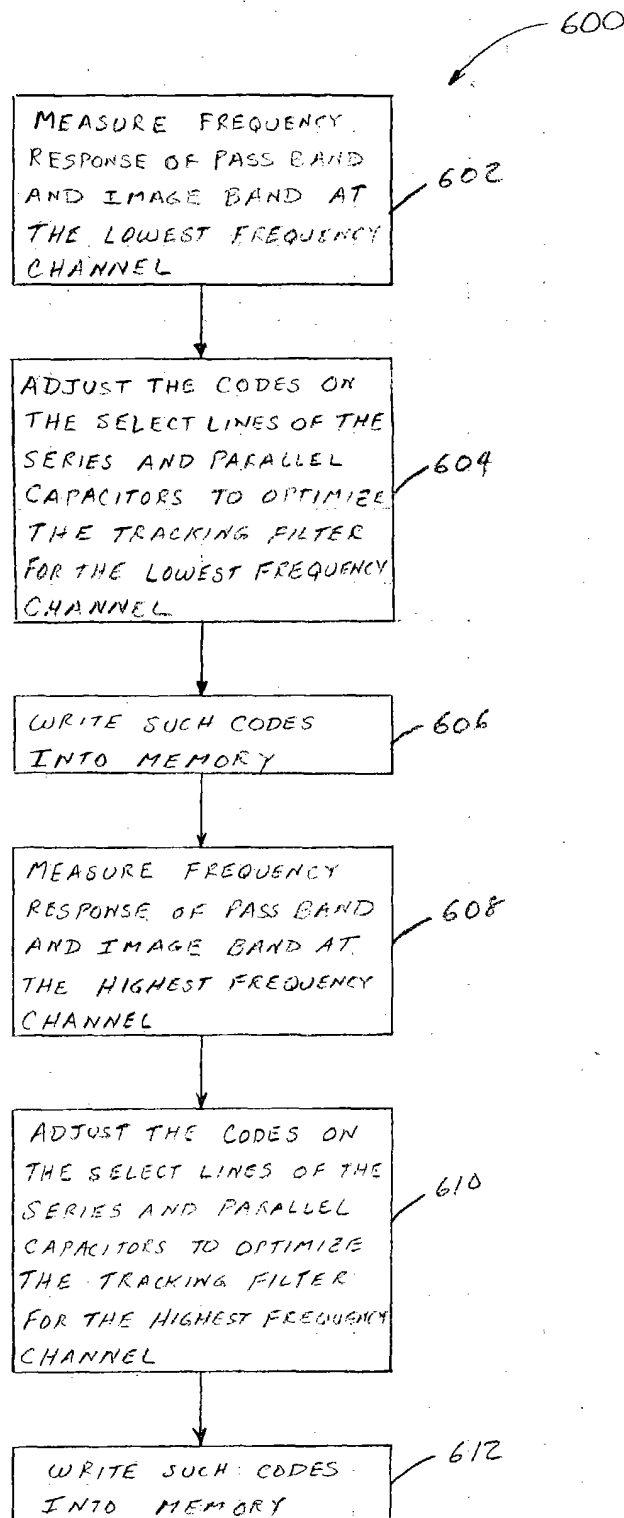


FIGURE 6

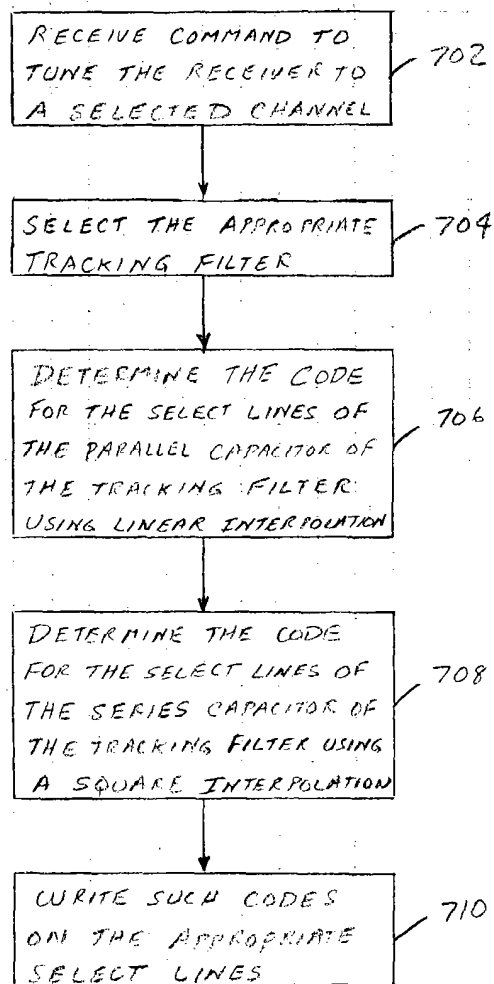


FIGURE 7

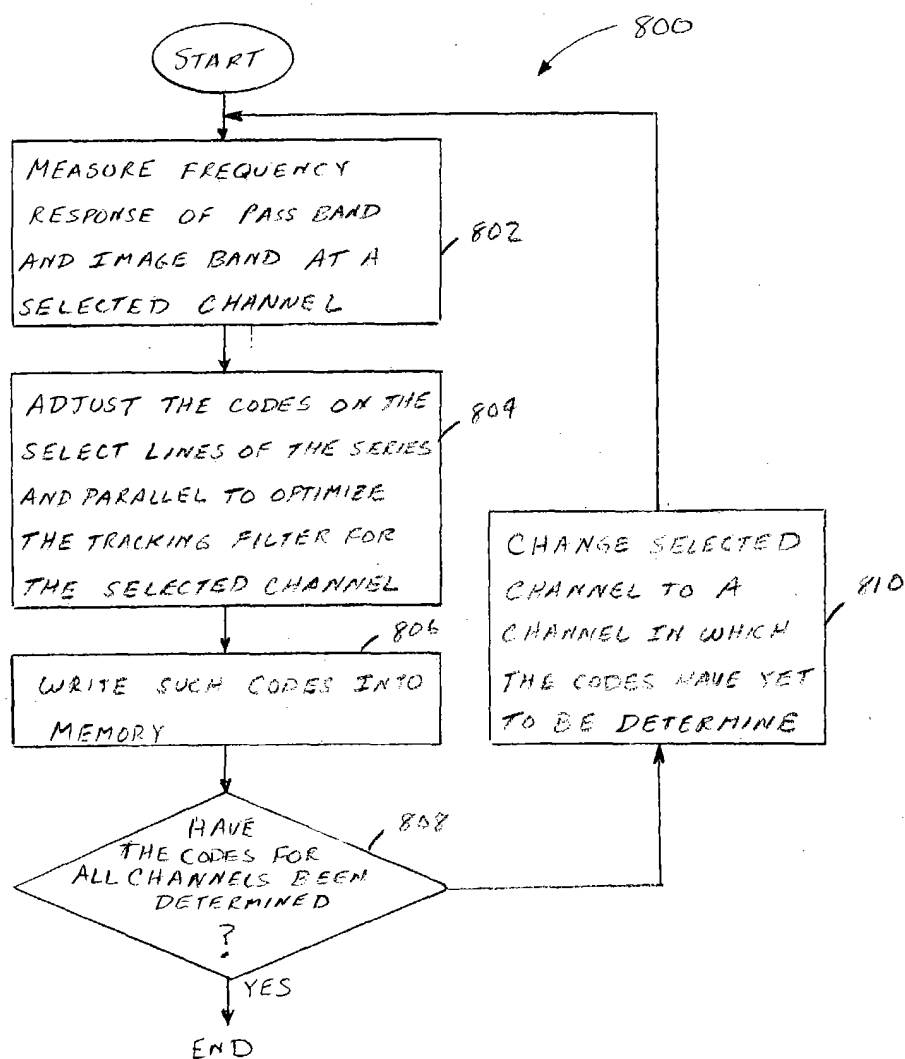


FIGURE 8

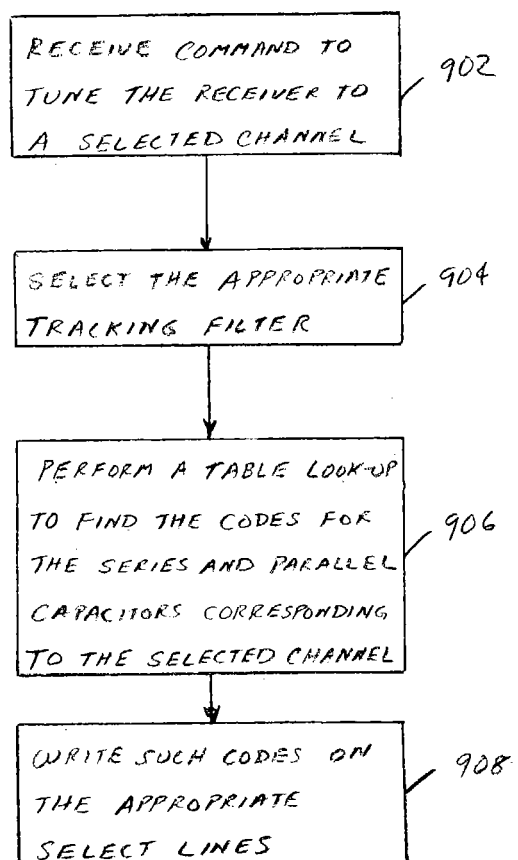


FIGURE 9

F (MHz)	CP	CS
570	27	63
580	26	59
590	25	54
600	24	50
610	23	46
620	23	42
630	22	39
640	21	35
650	20	32
660	19	29
670	18	26
680	17	23
690	16	20
700	15	18
710	14	16
720	14	13
730	13	11
740	12	10
750	11	8
760	10	6
770	9	5
780	8	4
790	7	3
800	6	2
810	5	1
820	4	1

FIGURE 10

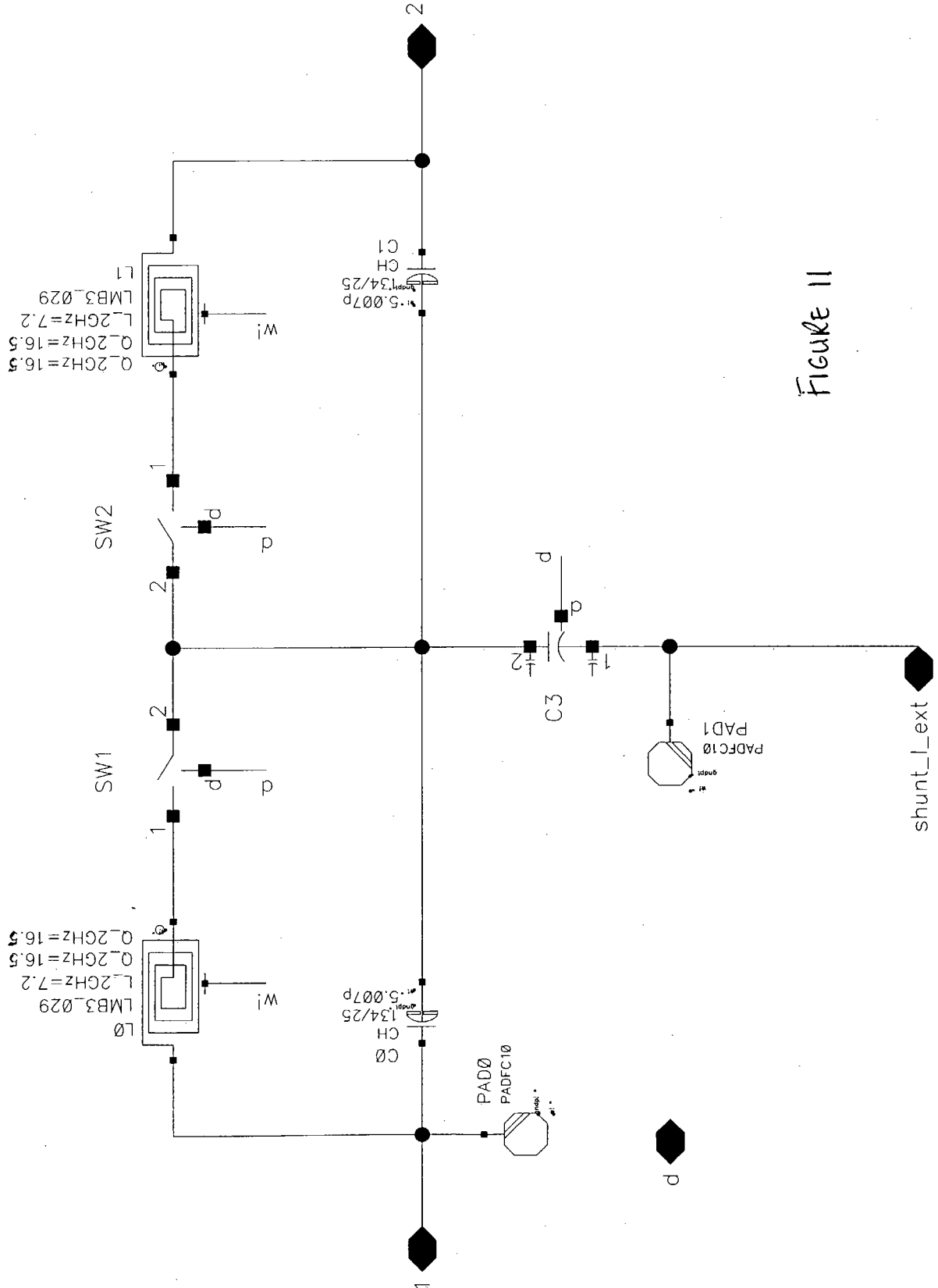


Figure 11

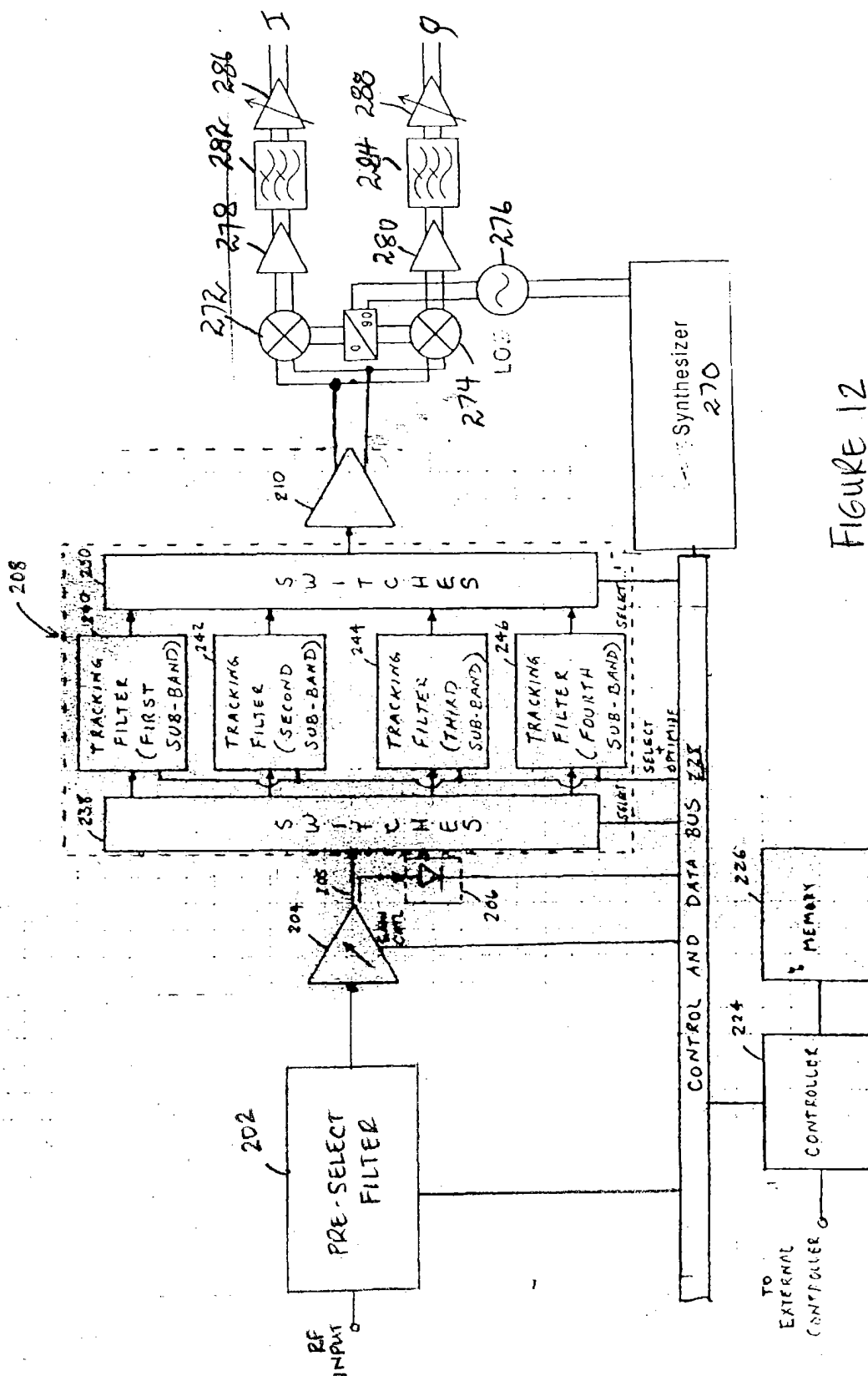
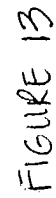


FIGURE 12

A) Direct conversion to baseband



B) Direct conversion with digital outputs